| | Claims | |
|------|--------|--|
| | | |

| Application/Control No. | App | lication/Contro | ΙΝο. |
|-------------------------|-----|-----------------|------|
|-------------------------|-----|-----------------|------|

10/787,502

Examiner

Blane J. Jackson

Applicant(s)/Patent under Reexamination

SAITOU ET AL.

Art Unit

2618

√ Rejected
= Allowed

(Through numeral)
Cancelled
+ Restricted

Non-Elected

I Interference

A Appeal
O Objected

| | | _ | | | | | ı | , | | |
|----------|----------------------------------|--------------|--------------|----------------|----------|--|--------------|---|--|----------|
| Cla | im | | , | | [| Date | • | | | |
| Final | Original | 17/2/6 | | | | | | | | |
| | 1 | ب. | | \vdash | - | _ | \vdash | _ | | \vdash |
| | - | ┝ | 一 | Н | | - | | _ | \vdash | - |
| - | 3 | | \vdash | Н | | - | \vdash | _ | Н | Н |
| | 4 | | _ | \vdash | | | | | Н | \vdash |
| | 5 | | | \vdash | | _ | | | | |
| | 1 2 3 4 5 6 | | \vdash | | | _ | | | - | |
| | | | | | | Г | | | | П |
| | 7 8 9 | | | | | | | | | П |
| | 9 | | 7 | | | | | | | П |
| | 10 | | | | | | | | | |
| | 11 | | | | | | | | | |
| | 12 | سا | | | | | | | | |
| | 13 | / | | | | | | | | |
| | 11 12 13 14 15 16 | | | | | | | | | |
| | 15 | _ | | | | | | | \Box | |
| _ | 16 | | | | | L | | L | | Ш |
| | 17 | | | | | | | | | Ш |
| | 18 | | | | | | | <u>_</u> | L | Ш |
| | 18 19 | | | | | | | | _ | Ш |
| | 20 | L | L | L | L | _ | | <u> </u> | | Ш |
| | 21 22 | | 匚 | L | | 匚 | | | _ | Ш |
| | 22 | _ | L | _ | L | <u> </u> | | $ldsymbol{le}}}}}}$ | _ | Ш |
| | 23 24 | | L | <u> </u> | _ | <u> </u> | ļ | | _ | Ш |
| | 24 | _ | $oxed{oxed}$ | <u> </u> | | <u> </u> | _ | | L. | Ш |
| | 25 | _ | 匚 | <u>_</u> | <u> </u> | <u> </u> | _ | _ | _ | Ш |
| | 26 27 28 | _ | _ | | <u> </u> | L | <u> </u> | | <u> </u> | - |
| | 27 | <u> </u> | <u> </u> | _ | <u> </u> | _ | _ | _ | <u> </u> | Ш |
| <u> </u> | 28 | ⊢ | _ | - | _ | _ | <u> </u> | _ | _ | |
| | 29 | ├ | <u> </u> | _ | _ | <u> </u> | - | ┝ | ⊢ | - |
| | 30 | ⊢ | ⊢ | | - | ⊢ | ⊢ | _ | - | \vdash |
| - | 31 | ⊢ | ├ | ⊢ | - | ⊢ | \vdash | - | \vdash | - |
| | 32 33 | \vdash | | - | \vdash | - | \vdash | - | ╁ | Н |
| <u> </u> | 34 | \vdash | - | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | Н |
| <u> </u> | 35 | | - | \vdash | ⊢ | ├ | \vdash | \vdash | \vdash | Н |
| | 36 | \vdash | - | \vdash | ┢ | \vdash | \vdash | ┢ | \vdash | \vdash |
| <u> </u> | 37 | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | _ | | Н |
| | 38 | \vdash | H | \vdash | \vdash | H | | \vdash | \vdash | H |
| | 39 | 1 | 1 | H | H | | Т | \vdash | T | Н |
| | 40 | | Т | T | Г | | | I^- | Г | Н |
| | 41 | | Т | П | Г | Г | Г | | | П |
| | 42 | | Г | Г | | Γ | T- | Γ | Ι – | П |
| | 43 | | Г | | | Γ | | | | П |
| | 44 | Ī. | | | | | | | | П |
| | 45 | | | | | | | | | |
| | 46 | | | | | | | | | |
| | 47 | | | | | | | | | |
| | 48 | | | | | | | | | |
| | 49 | | | | | | | | | |
| | 50 | | | | | | | | | Ш |
| | | | _ | | | | | | | ئـــــ |

| Cla | Date | | | | | | | | | |
|--------------|----------------|--|----------|--|--|--------------|--|--------------------|----------------|----------|
| | | | | | | | | | | П |
| | Original | | | | | | | | | |
| Final | igi | | | | | | | | | |
| " | ŏ | | | | | | | | | |
| <u> </u> | | | | | | | | | | _ |
| | 51 | | | | | | | | | |
| | 52 | | | | | | | | | |
| | 52 53 | | | | | | | | | L |
| | 54 | | | | | | | | | |
| | 54 55 | | | | | | | | | |
| | 56 | | | | | | | | | |
| | 57 | | | | | - | | | | |
| | 56 57 58 | | | | | | | | | |
| | 59 | Н | | Н | _ | | | | | _ |
| | 60 | H | - | \vdash | _ | _ | _ | _ | Н | _ |
| _ | 61 | Н | _ | | | _ | \vdash | | | |
| \vdash | | \vdash | | H | - | \vdash | | | \vdash | _ |
| | 62 | | | \vdash | - | \vdash | H | \vdash | H | |
| | 63 | H | | <u> </u> | <u> </u> | <u> </u> | | \vdash | <u> </u> | - |
| | 64 65 | \vdash | | \vdash | <u> </u> | <u> </u> | | \vdash | \vdash | - |
| | 65 | \sqcup | | \vdash | \sqcup | <u> </u> | | $ldsymbol{\sqcup}$ | \vdash | |
| | 66 | Щ | _ | <u> </u> | _ | L_ | Щ | Щ | | L_ |
| | 67 | | L | | | _ | | | | |
| | 68 | | | | | | | | | |
| | 68 69 | | | | | | | | | |
| | 70 | Г | | | | | | | | |
| | 71 | | | T | | \vdash | | | | |
| | 71 72 | _ | \vdash | \vdash | _ | \vdash | | | | |
| | 73 74 75 | \vdash | \vdash | - | \vdash | \vdash | - | | | |
| | 74 | - | ┝ | ┢ | - | \vdash | | \vdash | - | \vdash |
| | 75 | \vdash | - | - | _ | \vdash | _ | - | - | \vdash |
| - | 76 | | - | - | \vdash | \vdash | ⊢ | - | - | |
| <u> </u> | 76 77 78 | - | ┝ | - | - | | - | ┝ | ⊢ | _ |
| | 77 | <u> </u> | - | - | _ | - | \vdash | - | ⊢ | |
| | 78 | <u> </u> | ┡ | ⊢ | | <u> </u> | ⊢ | <u> </u> | | _ |
| | 79 80 | <u> </u> | L | _ | <u> </u> | _ | ╙ | <u> </u> | L | <u> </u> |
| | 80 | L. | | | | <u> </u> | <u> </u> | _ | L | _ |
| | 81 82 | L_ | L | _ | <u></u> | L | L | L | _ | |
| | 82 | L | | | | L | 匚 | | L | |
| | 83 | | L | | $oxed{oxed}$ | L | L | L | L | |
| L | 84 85 | | | $oxedsymbol{oxed}$ | | | L | | | |
| | 85 | | | | | | L | | | |
| | 86 | | | | | | L | | | |
| | 87 | | | | Π | | | | Г | |
| T | 88 | Г | | П | Г | П | Π | | Г | |
| | 89 | \vdash | Г | Г | | | | | Г | |
| | 90 | Т | | | T | <u> </u> | 1 | Г | Г | |
| \vdash | 91 | | \vdash | | t^- | _ | \vdash | ऻ | Н | |
| \vdash | 92 | \vdash | \vdash | | | \vdash | \vdash | \vdash | \vdash | \vdash |
| | 93 | ├ | \vdash | - | \vdash | \vdash | - | ├ | \vdash | \vdash |
| | | ⊢ | ⊢ | \vdash | - | ├ | | ├ | - | \vdash |
| <u> </u> | 94 | - | - | - | - | ⊢ | - | \vdash | \vdash | \vdash |
| ⊢— | 95 | <u> </u> | - | — | | - | | | | ├- |
| <u></u> | 96 | — | <u> </u> | L- | <u> </u> | <u> </u> | — | <u> </u> | _ | ! |
| <u></u> | 97 | <u> </u> | <u> </u> | ┞- | _ | _ | L | <u> </u> | <u> </u> | <u> </u> |
| <u></u> | 98 | | 乚 | $oxed{L}$ | 乚 | L | 匚 | <u> </u> | <u> </u> | 乚 |
| 1 | aa | _ | ı | ı | I | 1 _ | Ī | l - | Ι - | 1 |

| Cli | aim | Date | | | | | | | | | |
|----------|---|----------|------------|--|--------------------|--------------|--------------|----------|----------|-------------|--|
| | | | | | | | | | | | |
| ā | Original | | | | | | | | | | |
| Final | Ē | | | | | | | | | | |
| - | 0 | | | | | | | | | | |
| | 101 | | - | _ | _ | | - | _ | - | \vdash | |
| | 101 102 | | \dashv | | | | | | | Н | |
| - | 102 | \dashv | _ | | _ | | | | | Н | |
| | 103 | | | | | | | | _ | Н | |
| - | 103 104 105 106 | _ | _ | \vdash | - | H | | - | _ | \vdash | |
| <u> </u> | 105 | - | _ | - | | <u> </u> | | - | | Н | |
| _ | 106 | | | H | ┝ | - | - | _ | - | \vdash | |
| | 107 | | | <u> </u> | <u> </u> | H | | _ | | Н | |
| | 108 109 | _ | | _ | L | <u> </u> | | _ | _ | | |
| | 109 | | | _ | Щ | L | <u> </u> | | | Н | |
| <u></u> | 110 | Ш | | L | _ | _ | | _ | | Ш | |
| <u></u> | 110 111 112 113 114 115 | Ш | | <u> </u> | _ | _ | _ | | | Ш | |
| L | 112 | Ш | | <u> </u> | <u> </u> | L_ | <u> </u> | <u> </u> | | Ш | |
| L | 113 | | | <u> </u> | <u> </u> | <u> </u> | 匚 | _ | | | |
| | 114 | | | L | $oxedsymbol{oxed}$ | $oxed{oxed}$ | L | | | \bigsqcup | |
| | 115 | | | | | \Box | | oxdot | _ | ot | |
| | 116 | | | Ĺ | L | | | L | L | | |
| | 117 | | | | | | | | | | |
| | 116 117 118 | | | | | | | | | | |
| | 119 | | | | T | | | Г | Г | | |
| | 119 120 121 122 123 | | | | Г | <u> </u> | | | | П | |
| | 121 | | | | _ | | Г | Г | <u> </u> | П | |
| | 122 | \vdash | | | \vdash | Т | \vdash | - | Т | П | |
| | 123 | \vdash | - | | Н | Н | _ | | \vdash | П | |
| | 124 | _ | _ | \vdash | \vdash | \vdash | _ | | - | H | |
| \vdash | 125 | | \vdash | ┢ | | \vdash | \vdash | \vdash | - | Н | |
| \vdash | 124 125 126 127 128 129 130 | | \vdash | H | | | | ├- | - | Н | |
| \vdash | 127 | | \vdash | ⊢ | \vdash | ╁ | ┢ | \vdash | - | Н | |
| \vdash | 128 | | \vdash | ┢ | - | \vdash | ┢ | ┢ | ├ | H | |
| - | 120 | | - | ┢ | ┢ | | ┢ | ┢ | ┝ | Н | |
| - | 129 | ⊢ | | - | ⊢ | - | ├ | - | - | Н | |
| - | 130 | | ⊢ | ⊢ | ┢ | ⊢ | ├— | - | ⊢ | Н | |
| - | 131 | ⊢ | ⊢ | ├ | ⊢ | - | - | | - | - | |
| \vdash | 131 132 133 134 | \vdash | - | - | \vdash | ├- | \vdash | ⊢ | \vdash | Н | |
| \vdash | 133 | ├ | - | - | | | | \vdash | \vdash | \vdash | |
| ⊢ | 134 | Н— | <u> — </u> | <u> </u> | | <u> </u> | | ⊢ | ├— | \vdash | |
| - | 135 | ├ | <u> </u> | | ⊢ | \vdash | - | ⊢ | ├- | Н | |
| <u></u> | 135 136 137 138 139 | ├- | \vdash | - | ├- | ⊢ | \vdash | | _ | - | |
| | 137 | <u> </u> | _ | <u> </u> | - | - | — | <u> </u> | <u> </u> | \vdash | |
| | 138 | <u> </u> | <u> </u> | | \vdash | <u> </u> | <u> </u> | ⊢ | <u> </u> | \vdash | |
| | 139 | <u> </u> | <u> </u> | — | ⊢ | <u> </u> | — | <u> </u> | <u> </u> | \vdash | |
| \vdash | 140 | _ | \vdash | <u> </u> | $ldsymbol{oxed}$ | \vdash | <u> </u> | <u> </u> | <u> </u> | \perp | |
| | 141 | _ | _ | <u>L</u> | <u> </u> | _ | <u> </u> | <u></u> | _ | Ļ. | |
| L | 142 | | <u>_</u> | _ | <u> </u> | <u> </u> | <u> </u> | | L_ | \vdash | |
| | 143 | <u> </u> | L | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | 丄 | 匚 | <u> </u> | | <u> </u> | | |
| | 144 | _ | _ | _ | <u> </u> | ╙ | ļ | L | L | lacksquare | |
| | 145 | | | | | | | | _ | \Box | |
| | 146 | | | | | L | oxdot | \Box | _ | | |
| | 147 | | | | L_{-} | 匚 | | | | | |
| | 148 | | | | | | | | | | |
| | 149 | Γ | | | | | | | | | |
| | 150 | | Г | Π | | | | | | | |